

Heavy Tube Fiber Laser



Tube Cutter
29' Work Area
2000W - 6000W

Specifications:

- **Tube length (X-Axis):** 354" (9000mm)
- **Tube Diameter:** Square side: 0.78" to 8.66" (20-220 mm) / Round Diameter: 0.59"-12.2" (12-310mm)
- **Y-Axis:** 8.86" (225mm)
- **Auto-load tube length:** 157"-354" (4000-9000mm) with tube length detection
- **Auto unload tube length:** 0"-236" (0-6000mm)
- **CNC System:** FSCUT5000
- **Wattage Available:** 2000W / 3000W / 4000W / 6000W
- **Laser Resonator:** IPG
- **Laser Head:** Precitec with Auto-Focus (Germany)
- **Laser Type:** Continuous wave fiber laser 1.07 μ m wavelength, beam quality <0.373 mrad
- **Max Positioning Speed:** X,Y positioning speed 3,900 inch/min (100m/min) / 60rpm
- **Positioning Accuracy:** X, Y-axis: ± 0.03 mm/m (Repeat Positioning Accuracy: ± 0.05 mm/m)
A, B-axis: ± 30 " (Repeat Positioning Accuracy: ± 10 ")
- **Air Assist:** Oxygen or Nitrogen
- **Dimensions:** Without auto-loading: 984"L x 169"W x 110"H (25,000 x 4,300x 2,800mm)
With auto-loading: 984"L x 248"W x 110"H (25,000 x 6,300 x 2,800mm)
- **Machine Weight:** 28,660lbs (13,00kg)
- **Other Features:**
 - Accepts multiple tube shapes, including round, square, triangular, rectangular, oval, and waist round.
 - FASTCUT CNC system: Integrates professional tube cutting platform for powerful but simple operation.
 - Zero Waste tube cutting with whole tube process
 - Two cutting stations, three chucks, and four support points can handle up to 1,102lbs of material
- **Included with purchase:**
 - Cooling system
 - Exhaust Fan
 - Operating Software